

f. Driver Vision Enhancer—Abrams (DVE-A) AN/VAS-5 and Rear View Sensor System (RVSS): The AN/VAS-5 Driver Vision Enhancer—Abrams (DVE-A) and Rear View Sensor System (RVSS) are thermal imaging systems developed for use while driving combat vehicles and tactical wheeled vehicles. The DVE-A provides night vision capability for the Abrams tank driver. RVSS provides a rear-view camera for the Abrams tank.

DVE-A and RVSS allow for tactical vehicle movement in support of operational missions in all environmental conditions (day/night and all weather) and provides enhanced driving capability during limited visibility conditions (darkness, smoke, dust, fog, etc.).

g. Global Positioning System (GPS) AN/PSN-13 Defense Advanced GPS Receiver (DAGR): Global Positioning System (GPS) capability is currently provided to Abrams tanks using the DAGR. The DAGR is a handheld GPS receiver, which utilizes Selective Availability Anti-Spoofing Module (SAASM) security. It is used for the Abrams tank, the M88A2 HERCULES Recovery Vehicle and the Joint Assault Bridge.

h. Handheld Communication Radio AN/PRC-158: The AN/PRC-158 is a Very High Frequency/Ultra High Frequency (VHF/UHF) multiband multi-channel (dual channel) radio. It is a portable, compact, tactical software-defined combat-net radio manufactured by L3/Harris Corporation. The AN/PRC-158 includes Type 1 encryption and a Selective Availability Anti-Spoofing Module (SAASM) Global Positioning System (GPS) receiver.

i. Battle Management System (BMS): The BMS for the Poland M1A1 tank will consist of a Data Distribution Unit—Expandable (DDUX), a transceiver, and commercial software called Sitaware. It equips soldiers with secure data encryption and advanced logistics. It includes an intuitive interface with features like touch-to-zoom maps and drag-and-drop icons.

j. AN/PVS-14, Night Vision Goggles: The AN/PVS-14 Night Vision Goggle (NVG) is a lightweight, head-mounted self-contained night vision system. It is used in starlight and moonlight by individual soldiers for walking, driving vehicles, weapon firing, short-range surveillance, and such manual tasks as map reading, vehicle maintenance and administering medical aid. Each NVG consists of an objective lens assembly, image intensifier tube assembly and two eyepiece assemblies integrated into a housing. The housing is affixed to a head mount, which is held by head straps to a user's head. The assembly incorporates an infrared (IR) emitting light source, which provides illumination, when required, for close-up viewing. Eyepiece diopter adjustment is provided so the device may be worn without corrective lens.

2. M88A2 HERCULES Recovery Vehicle: The primary role of the M88A2 Heavy Equipment Recovery Combat Utility Lifting Extraction System (HERCULES) Combat Recovery Vehicle is recovery of the Abrams M1 Main Battle Tank. The 70-ton M88A2 Recovery Combat Vehicle is standard equipment to de-process, recover, and sustain the Abrams M1 Tank. The vehicle's role is to extricate combat vehicles that have become bogged down or entangled; and to repair or replace damaged parts in fighting vehicles while under fire. The M88A2 main winch is capable of 70-ton single line recovery; and a 140-ton 2:1 recovery when used with a 140-ton pulley. The A-frame boom of the M88A2 can lift 35 tons when used in conjunction with the spade down. The spade can be used for light earth moving and to anchor the vehicle when using the main winch. The M88A2 employs an Auxiliary Power Unit (APU) to provide auxiliary electrical and hydraulic power when the main engine is not in operation,

the APU can also be used to slave start other vehicles.

a. AVDS-1790-8CR Engine Propulsion System is a unique modification to the standard piston engine family in the M60 series and the base M88A1.

b. Driver's Vision Enhancer (DVE-CV M88) is an un-cooled thermal imaging system developed for use while driving Combat Vehicles (CVs) and Tactical Wheeled Vehicles (TWVs). It allows for tactical vehicle movement in support of operational missions in all environmental conditions (day/night and all weather) and provides enhanced driving capability during limited visibility conditions (darkness, smoke, dust, fog, etc.). The DVE provides night vision targeting capabilities for armored vehicles and long-range night vision reconnaissance capability to the warfighter.

c. Handheld Communication Radio AN/PRC-158 is a multiband handheld radio. It is a portable, compact, tactical software-defined combat-net radio manufactured by L3/Harris Corporation.

3. M1110 Joint Assault Bridge: The M1110 Joint Assault Bridge (JAB) is a fully tracked armor engineer vehicle specifically designed to replace the M48/M60 AVLB, M104 Wolverine HAB and provide assault bridging capabilities to armored forces. The JAB System consists of an M1A1 Abrams chassis (with A2 heavy suspension) and a hydraulic bridge launch mechanism that will launch and retrieve the Heavy Assault Scissor Bridge MLC-115 Normal and MLC-124 Caution.

4. Joint Light Tactical Vehicles (JLTV): The Joint Light Tactical Vehicle (JLTV) program is a light tactical vehicle designed to replace the U.S. Military's aging High Mobility Multipurpose Wheeled Vehicle fleet. It was designed to close the existing gap in payload, performance, and protection to our adversaries during multi-domain operations. It has been an operationally optimal choice for the light tactical vehicle mission spectrum anywhere in the world. All JLTV mission variants include a strong balance of protection, maneuverability, speed, reliability, and combat support/combat service support capability that far surpasses any similar vehicle developed in its weight class today.

a. The JLTV is designed to be a system of system. System of systems is a "set or arrangement of systems that results when independent and useful systems are integrated into a larger system that delivers unique capabilities. The Joint Light Tactical Vehicle allows material and equipment from authorized contractors or industrial facilities used by U.S. forces in tactical operations and managed by other Program Offices that may have considered a type of classification. Other than its classified armor and ballistic protection, the JLTV is considered an unclassified tactical system. When adding integration C4ISR systems (installed or mounted), electronic countermeasures jamming devices, navigation systems or battle management systems to the JLTV, these integrated or installed system will increase the over security classification to the vehicle.

b. The JLTV's A/B Armor protection technical and test data of armor coupon, ballistic hull exploitation, Behind Armor Debris (BAD) and Full Up System Level (FUSL) Live Fire test data and protection levels to include Under Body (UB) blast, Under Wheel (UW) blast, Under Body (UB) IED, side attack (SA) IED, direct fire, and artillery enhancements are all classified technical information. The JLTV has inherent armor built into the base vehicle. It is what the US Government (USG) calls A-Kit armor. This A-Kit Inherent armor provides both opaque and transparent armor solutions to provide a 360-

degree azimuthal (i.e., all around) to include an elevated fire level of protection from a spectrum of kinetic energy/small arms fire threats with survivability enhancements to include Automatic Fire Extinguishing Protection (AFES) and structural rollover protection of 150% of the vehicle Ground Vehicle Weight Rating (GVWR). The B-kit includes: 1) a combined underbody deflector plate and Energy Absorbent (EA) seat mechanisms to mitigate occupant incapacity (per Annex Q) for both anti-tank land mine blast and Improvised Explosive Device (IED) blast and fragmentation kill mechanisms, 2) a design that provides a higher level protection against significantly larger Under Wheel (UW) blast threats that also leverages vehicle frontal and rear tear-away structural design lessons learned from OEF and OIF, 3) a direct fire B-kit that adds on to the Inherent armor/A-Kit to defeat a higher level all-around direct fire threat, side attack IED attack blast and fragmentation kill mechanisms, with additional roof armor for top attack threats that include direct fire and artillery enhancements.

c. C4ISR systems (installed or mounted), electronic countermeasures jamming devices, navigation systems or battle management systems that are integrated or installed system in the JLTV will follow the same security guidelines based on their program security classification guide.

5. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

6. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

7. A determination has been made that Poland will provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

8. All defense articles and services listed in this transmittal have been authorized for release and export to the Republic of Poland.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Washington, DC.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 22-55, concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Taipei Economic and Cultural Representative Office in the United States (TECRO) for defense articles and services estimated to cost \$330 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 22-55

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Taipei Economic and Cultural Representative Office in the United States (TECRO).

(ii) Total Estimated Value: Major Defense Equipment\* \$0 million. Other \$330 million. Total \$330 million.

Funding Source: National Funds.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE): None.

Non-MDE: Included is the expansion of the Cooperative Logistics Supply Support Arrangement for stock replenishment supply of standard spare parts, consumables, and accessories, and repair and replacement support for the F-16, C-130, Indigenous Defense Fighter (IDF), and all other aircraft and systems or subsystems of U.S. origin, as well as other related elements of logistics and program support.

(iv) Military Department: Air Force (TW-D-KDV).

(v) Prior Related Cases, if any: TW-D-KDT, TW-D-KDR, TW-D-KDS

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None known at this time.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: None.

(viii) Date Report Delivered to Congress: December 6, 2022.

\*As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

Taipei Economic and Cultural Representative Office in the United States—Aircraft Standard Spare Parts

The Taipei Economic and Cultural Representative Office in the United States (TECRO) has requested to buy the expansion of the Cooperative Logistics Supply Support Arrangement for stock replenishment supply of standard spare parts, consumables, and accessories, and repair and replacement support for the F-16, C-130, Indigenous Defense Fighter (IDF), and all other aircraft and systems or subsystems of U.S. origin, as well as other related elements of logistics and program support. The estimated total cost is \$330 million.

This proposed sale is consistent with U.S. law and policy as expressed in Public Law 96-8.

This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to maintain a credible defensive capability. The proposed sale will help improve the security

of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

The proposed sale will contribute to the sustainment of the recipient's aerial fleet, enhancing its ability to meet current and future threats while providing defensive and transport capabilities critical to regional security. The proposed sale will contribute to the recipient's goal of maintaining its military capability while further enhancing interoperability with the United States and other allies. The recipient will have no difficulty absorbing this equipment and support into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

There are no principal contractors involved with this potential sale. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the permanent assignment of any U.S. Government or contractor representatives to recipient.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Washington, DC.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 22-56, concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Taipei Economic and Cultural Representative Office in the United States (TECRO) for defense articles and services estimated to cost \$98 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 22-56

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Taipei Economic and Cultural Representative Office in the United States (TECRO).

(ii) Total Estimated Value:

Major Defense Equipment\* \$0 million.

Other \$98 million.

Total \$98 million.

Funding Source: National Funds

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):

None.

Non-MDE: Included is an expansion of the Cooperative Logistics Supply Support Arrangement for stock replenishment supply of non-standard spare parts, consumables, and accessories, and repair and replacement support for the F-16, C-130, Indigenous Defense Fighter (IDF), and all other aircraft and systems or subsystems of U.S. origin, as well as other related elements of logistics and program support.

(iv) Military Department: Air Force (TW-D-RAQ).

(v) Prior Related Cases, if any: TW-D-RAP.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None known at this time.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: None.

(viii) Date Report Delivered to Congress: December 6, 2022.

\*As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

Taipei Economic and Cultural Representative Office in the United States—Aircraft Non-Standard Spare Parts

The Taipei Economic and Cultural Representative Office in the United States (TECRO) has requested to buy an expansion of the Cooperative Logistics Supply Support Arrangement for stock replenishment supply of non-standard spare parts, consumables, and accessories, and repair and replacement support for the F-16, C-130, Indigenous Defense Fighter (IDF), and all other aircraft and systems or subsystems of U.S. origin, as well as other related elements of logistics and program support. The estimated total cost is \$98 million.

This proposed sale is consistent with U.S. law and policy as expressed in Public Law 96-8.

This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to maintain a credible defensive capability. The proposed sale will help improve the security of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

The proposed sale will contribute to the sustainment of the recipient's aerial fleet, enhancing its ability to meet current and future threats while providing defensive and transport capabilities critical to regional security. The proposed sale will contribute to the recipient's goal of maintaining its military capability while further enhancing interoperability with the United States and other allies. The recipient will have no difficulty absorbing this equipment and support into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

There are no principal contractors involved with this potential sale. There are no known offset agreements proposed in connection with this potential sale.